

G2 5. (Twice amended) An isolated and purified superantigen toxin DNA fragment encoding Staphylococcal enterotoxin B (SEB), wherein said superantigen toxin is Staphylococcal enterotoxin B having the sequence of SEQ ID NO:7.

G3 6. (Twice amended) An isolated and purified DNA fragment superantigen toxin DNA fragment encoding Staphylococcal enterotoxin B (SEB), wherein said superantigen toxin is Staphylococcal enterotoxin B having the sequence of SEQ ID NO:9.

G4 12. (Twice amended) An isolated and purified DNA fragment superantigen toxin DNA fragment encoding Staphylococcal enterotoxin B (SEB), wherein said fragment encodes the amino acid sequence of SEQ ID NO:6.

13. (Twice amended) An isolated and purified DNA fragment superantigen toxin DNA fragment encoding Staphylococcal enterotoxin B (SEB), wherein said fragment encodes the amino acid sequence of SEQ ID NO:8.

14. (Twice amended) An isolated and purified DNA fragment superantigen toxin DNA fragment encoding Staphylococcal enterotoxin B (SEB), wherein said fragment encodes the amino acid sequence of SEQ ID NO:10.

G5
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H1 } 21. (Twice amended) A recombinant DNA construct comprising a vector and an isolated and purified superantigen toxin DNA fragment encoding Staphylococcal enterotoxin B (SEB), wherein said DNA fragment has the sequence according to sequence of SEQ ID NO:5.

22. (Twice amended) A recombinant DNA construct comprising a vector and an isolated and purified superantigen toxin DNA fragment encoding Staphylococcal enterotoxin B (SEB), wherein said DNA fragment has the sequence according to sequence of SEQ ID NO:7.